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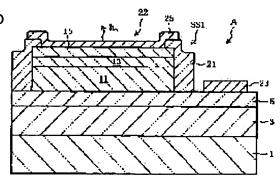
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(54) OPTICAL SEMICONDUCTOR ELEMENT AND OPTICAL SEMICONDUCTOR DEVICE (57)Abstract:

PROBLEM TO BE SOLVED: To prevent positive holes from overflowing to an n type clad layer of an optical semiconductor element and to prevent the light guideout efficiency from decreasing.

SOLUTION: This element includes an n type MgxZn1-xO clad layer 5, an InyGa1-yN active layer 11 formed thereupon, a p type MgzZn1-zO clad layer 15 formed thereupon, a 1st electrode 23 which electrically forms a contact for the clad layer 5, and a 2nd electrode 25 which electrically forms a contact for the clad layer 15.



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